

09/914, 752

L Number	Hits	Search Text	DB	Time stamp
1	3	mcgowan-steven-baldwin.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:00
2	7	kinloch-james-i\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:01
3	11	mcgregor-alasdair-duncan.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:04
4	202	(multiple or multi or plurality or plural or two or three) near8 (layer\$3 or phase or region or section or segment or portion) same (detergent or deterative or tenside or surfactant or cleaning or washing) and (cogranul\$5 or co adj1 granul\$5 or additive) same (polycarboxyl\$5 or polyacryl\$5 or polymethacryl\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:16
5	9	(multiple or multi or plurality or plural or two or three) near8 (layer\$3 or phase or region or section or segment or portion) same (detergent or deterative or tenside or surfactant or cleaning or washing) same (cogranul\$5 or co adj1 granul\$5 or additive) same (polycarboxyl\$5 or polyacryl\$5 or polymethacryl\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:09
6	55	510/\$.ccls. and (multiple or multi or plurality or plural or two or three) near8 (layer\$3 or phase or region or section or segment or portion) same (detergent or deterative or tenside or surfactant or cleaning or washing) and (cogranul\$5 or co adj1 granul\$5 or additive) same (polycarboxyl\$5 or polyacryl\$5 or polymethacryl\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:29
7	12	510/\$.ccls. and (tablet\$5 or briquet\$5 or pellet\$5 or compacted or compressed or pressed) same (multiple or multi or plurality or plural or two or three) near8 (layer\$3 or phase or region or section or segment or portion) same (detergent or deterative or tenside or surfactant or cleaning or washing) and (cogranul\$5 or co adj1 granul\$5 or additive) same (polycarboxyl\$5 or polyacryl\$5 or polymethacryl\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:32
8	2	(tablet\$5 or briquet\$5 or pellet\$5 or compacted or pressed) same compressed same (noncompressed or non adj1 compressed) and (cogranul\$5 or co adj1 granul\$5 or additive) same (polycarboxyl\$5 or polyacryl\$5 or polymethacryl\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/30 16:33

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20010019806 A1	20010906	54	Azomethine dye precursor, image-forming material, and image-forming method	430/138
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6416922 B2	20020709		Azomethine dye precursor, image-forming material, and image-forming method	430/138
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6100221 A	20000808		Aqueous external crystal modifier dispersion	507/90

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	430/280.1; 430/281.1; 430/283.1; 430/284.1; 430/285.1; 430/287.1; 430/288.1; 430/292; 430/332; 430/333; 430/334; 430/336; 430/339; 430/341; 430/343; 430/944; 430/945		Sato, Hiroshi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	430/280.1; 430/281.1; 430/283.1; 430/284.1; 430/285.1; 430/287.1; 430/292; 430/332; 430/333; 430/334; 430/336; 430/341; 430/343; 430/944; 540/488; 540/489; 540/500; 544/184; 544/220; 544/281; 544/3; 544/70		Sato, Hiroshi et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	166/304; 507/221; 507/224; 507/261; 507/931		Poelker, David J. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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1	US 20010019806	<input type="checkbox"/>
2		<input type="checkbox"/>
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	U	1	Document ID	Issue Date	Pages	Title	Current OR
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5858927 A	19990112		Aqueous external crystal modifier dispersion	507/90
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4954395 A	19900904		Recording medium	428/32.24
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4770987 A	19880913		Silver halide color photographic materials containing an antisain agent and a magenta coupler in lipophilic fine particles	430/546
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4514464 A	19850430		Laminates of polycarbonate or acrylate and plasticized polyvinyl butyral	327/546
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GB 2347431 A	20021112		Detergent tablet for use in washing machine, automatic dish washing or laundry comprises composition containing polymeric polycarboxylate and inorganic carrier	
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EP 551568 A	20021023		Aq. coating compsn. - comprises aq. anionic polyacrylate or polyurethane dispersion, phosphorus-contg. pigment and additives	

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
4	166/304; 507/221; 507/224; 507/261; 507/931		Poelker, David J. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	346/135.1; 347/105; 347/264; 428/207; 428/32.3		Hasegawa, Kenji et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	430/372; 430/551; 430/607		Takahashi, Osamu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	156/106; 156/327; 156/331.4; 156/333; 327/566; 428/412; 428/423.1; 428/425.6; 428/437; 428/522		Gomez, I. Luis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8			KINLOCH, J I et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9			COWLES, R A et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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UserID: LDouyon

Computer: WS06325

Date: 09/30/2003

Time: 16:36

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6399564 B1	20020604	28	Detergent tablet	510/446
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6274538 B1	20010814	26	Detergent compositions	510/224

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	510/224; 510/294; 510/298; 510/330; 510/514; 510/515; 8/137		Speed, Lynda Anne et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	510/231; 510/446		Addison, Michael Crombie	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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1	US 6399564	<input type="checkbox"/>
2	US 6274538	<input type="checkbox"/>

DERWENT-ACC-NO: 1998-496709

DERWENT-WEEK: 200330

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TITLE: Rapidly disintegrating laundry or detergent mouldings,
especially easily handled and dosed tablets - contain
granular disintegrating agent with high water adsorption,
useful as laundry, dishwashing, stain-removing and
water-softening tablet

INVENTOR: BLASEY, G; JUNG, D ; KRUSE, H ; SCHAMBIL, F

PATENT-ASSIGNEE: HENKEL KGAA[HENK]

PRIORITY-DATA: 1997DE-1010254 (March 13, 1997) , 1997DE-2023652 (March 13,
1997) , 1997DE-2023653 (March 13, 1997) , 1997DE-2023655 (March 13, 1997)
, 1997DE-2023656 (March 13, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2200756 C2	March 20, 2003	N/A	000	C11D 017/00
DE 19710254 A1	September 17, 1998	N/A	007	C11D 017/00
WO 9840463 A1	September 17, 1998	G	000	C11D 017/00
DE 29723652 U1	November 19, 1998	N/A	000	C11D 017/00
DE 29723653 U1	November 19, 1998	N/A	000	C11D 017/00
DE 29723655 U1	November 19, 1998	N/A	000	C11D 017/00
DE 29723656 U1	November 19, 1998	N/A	000	C11D 017/00
EP 966518 A1	December 29, 1999	G	000	C11D 017/00
CN 1250474 A	April 12, 2000	N/A	000	C11D 017/00
SK 9901226 A3	May 16, 2000	N/A	000	C11D 017/00
CZ 9903238 A3	December 13, 2000	N/A	000	C11D 017/00
HU 200004864 A2	August 28, 2001	N/A	000	C11D 017/00
JP 2001514690 W	September 11, 2001	N/A	022	C11D 017/00
EP 966518 B1	October 24, 2001	G	000	C11D 017/00
DE 59801863 G	November 29, 2001	N/A	000	C11D 017/00
ES 2166155 T3	April 1, 2002	N/A	000	C11D 017/00
US 6506720 B1	January 14, 2003	N/A	000	C11D 011/00

DESIGNATED-STATES: CN CZ HU JP PL RU SK US AT BE CH DE DK ES FI FR
 GB GR IE IT
 LU MC NL PT SE AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AT BE CH
 DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
RU 2200756C2	N/A	1998WO-EP01203	March 4, 1998
RU 2200756C2	N/A	1999RU-0122021	March 4, 1998
RU 2200756C2	Based on	WO 9840463	N/A
DE 19710254A1	N/A	1997DE-1010254	March 13, 1997
WO 9840463A1	N/A	1998WO-EP01203	March 4, 1998
DE 29723652U1	Application no.	1997DE-1010254	March 13, 1997
DE 29723652U1	N/A	1997DE-2023652	March 13, 1997
DE 29723653U1	Application no.	1997DE-1010254	March 13, 1997
DE 29723653U1	N/A	1997DE-2023653	March 13, 1997
DE 29723655U1	Application no.	1997DE-1010254	March 13, 1997
DE 29723655U1	N/A	1997DE-2023655	March 13, 1997
DE 29723656U1	Application no.	1997DE-1010254	March 13, 1997
DE 29723656U1	N/A	1997DE-2023656	March 13, 1997
EP 966518A1	N/A	1998EP-0912437	March 4, 1998
EP 966518A1	N/A	1998WO-EP01203	March 4, 1998
EP 966518A1	Based on	WO 9840463	N/A
CN 1250474A	N/A	1998CN-0803229	March 4, 1998
SK 9901226A3	N/A	1998WO-EP01203	March 4, 1998
SK 9901226A3	N/A	1999SK-0001226	March 4, 1998
CZ 9903238A3	N/A	1998WO-EP01203	March 4, 1998
CZ 9903238A3	N/A	1999CZ-0003238	March 4, 1998
CZ 9903238A3	Based on	WO 9840463	N/A
HU 200004864A2	N/A	1998WO-EP01203	March 4, 1998
HU 200004864A2	N/A	2000HU-0004864	March 4, 1998
HU 200004864A2	Based on	WO 9840463	N/A
JP2001514690W	N/A	1998JP-0539164	March 4, 1998
JP2001514690W	N/A	1998WO-EP01203	March 4, 1998
JP2001514690W	Based on	WO 9840463	N/A
EP 966518B1	N/A	1998EP-0912437	March 4, 1998
EP 966518B1	N/A	1998WO-EP01203	March 4, 1998
EP 966518B1	Based on	WO 9840463	N/A
DE 59801863G	N/A	1998DE-0501863	March 4, 1998
DE 59801863G	N/A	1998EP-0912437	March 4, 1998
DE 59801863G	N/A	1998WO-EP01203	March 4, 1998

DE 59801863G	Based on	EP 966518	N/A
DE 59801863G	Based on	WO 9840463	N/A
ES 2166155T3	N/A	1998EP-0912437	March 4, 1998
ES 2166155T3	Based on	EP 966518	N/A
US 6506720B1	Cont of	1998WO-EP01203	March 4, 1998
US 6506720B1	N/A	1999US-0396549	September 3, 1999

ES 2166155 T3 , US 6506720 B1

INT-CL (IPC): C11D003/22, C11D003/37 , C11D011/00 , C11D017/00

ABSTRACTED-PUB-NO: DE 19710254A

BASIC-ABSTRACT:

In laundry or detergent mouldings containing disintegrating agent(s) (I) with high water adsorption capacity to increase the porosity or capillarity of the mouldings, especially tablets, (I) is present in a (co)granulate containing at least 20 wt.% (I) and the particle size distribution is such that the dust fraction is not more than 1 wt.% and the total < 0.2 mm is < 10 wt.%.

Also claimed are (i) a method of making the mouldings by mixing the granules and other ingredients in dry form and then moulding, especially pressing to tablets; and (ii) the use of (I) in such mouldings.

USE - The mouldings are used in domestic washing machines, especially in a process in which they are introduced via a dispenser (all claimed). In general, they are useful as laundry agent, dish-washing, stain-removing salt and water-softening tablets in the home, especially in machines.

ADVANTAGE - Tablets are easier to handle and dose than powders and need less packaging volume. On the other hand, they do not disintegrate and dissolve so quickly and there is a risk of residues after washing, especially on textiles. In the finely-divided form normally used in pharmaceuticals, (I) give some improvement but often not enough, especially in tablets containing sticky organic substances, e.g. anionic and/or nonionic surfactants. In contrast, (co)granules are very effective.

ABSTRACTED-PUB-NO: EP 966518B

EQUIVALENT-ABSTRACTS:

In laundry or detergent mouldings containing disintegrating agent(s) (I) with

high water adsorption capacity to increase the porosity or capillarity of the mouldings, especially tablets, (I) is present in a (co)granulate containing at least 20 wt.% (I) and the particle size distribution is such that the dust fraction is not more than 1 wt.% and the total < 0.2 mm is < 10 wt.%.

Also claimed are (i) a method of making the mouldings by mixing the granules and other ingredients in dry form and then moulding, especially pressing to tablets; and (ii) the use of (I) in such mouldings.

USE - The mouldings are used in domestic washing machines, especially in a process in which they are introduced via a dispenser (all claimed). In general, they are useful as laundry agent, dish-washing, stain-removing salt and water-softening tablets in the home, especially in machines.

ADVANTAGE - Tablets are easier to handle and dose than powders and need less packaging volume. On the other hand, they do not disintegrate and dissolve so quickly and there is a risk of residues after washing, especially on textiles. In the finely-divided form normally used in pharmaceuticals, (I) give some improvement but often not enough, especially in tablets containing sticky organic substances, e.g. anionic and/or nonionic surfactants. In contrast, (co)granules are very effective.

CHOSEN-DRAWING: Dwg. 0/0

TITLE-TERMS: RAPID DISINTEGRATE LAUNDER DETERGENT MOULD EASY
HANDLE DOSE TABLET

CONTAIN GRANULE DISINTEGRATE AGENT HIGH WATER ADSORB
USEFUL LAUNDER

DISHWASHER STAIN REMOVE WATER SOFTEN TABLET

DERWENT-CLASS: D25

CPI-CODES: D11-B; D11-D02;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-149703